

CURRICULUM VITAE

NEIL EVERETT GRUNBERG

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EDUCATION

<u>School and Location</u>	<u>Degree</u>	<u>Year</u>	<u>Field</u>
Stanford University, Palo Alto, California	B.S.	1975	Medical Microbiology & Psychology
Columbia University, New York, New York	M.A.	1977	Physiological & Social Psychology
	M.Phil.	1979	
	Ph.D.	1980	

Additional Training

Columbia University, College of Physicians & Surgeons, New York, NY	1976 - 1979	National Research Service Award in Pharmacology
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EMPLOYMENT

1990-Present	Professor, Department of Medical and Clinical Psychology, USUHS
1991-Present	Professor, Neuroscience Program, USUHS
2005-Present	Director, Animal Behavior Laboratory
1984-1990	Associate Professor, Department of Medical Psychology, USUHS
1979-1984	Assistant Professor, Department of Medical Psychology, USUHS
1981-Present	Director, Biochemistry and Psychoendocrinology Laboratory Department of Medical and Clinical Psychology, USUHS
1982-1987	Research Associate, Behavioral Medicine and Health Promotion Sciences Branch, Division of Cancer Prevention and Control, National Cancer Institute, National Institutes of Health
1975-1979	Research Assistant to Dr. Stanley Schachter, Columbia University, Department of Psychology
1973-1974	Research Assistant to Dr. Joshua Lederberg, Stanford University, School of Medicine, Department of Genetics
1973-1974	Research Assistant to Dr. Ernest Hilgard, Stanford University, Department of Psychology, Hypnotic Research Laboratory

GRANTS

1980-81	Cigarettes: Tar & nicotine yields and sugar consumption, PI, USUHS
1981-1992	Nicotine, body weight, and food consumption, PI, USUHS
1983-1986	Biobehavioral investigations using Type A and B animals, co-PI, USUHS
1984-1985	Biochemical effects of cigarette smoking & exercise, PI, National Cancer Institute
1984-1987	Endocrinological indices of stress in cancer patients and their spouses, PI, National Cancer Institute
1986-1987	Biochemical assessment of human adaptation to isolated and confined environs, PI, National Aeronautics and Space Administration
1988-1990	Stress and Cigarette Smoking, PI, MacArthur Foundation
1991-1993	Psychology and biology of smoking withdrawal in alcoholics, PI, NIAAA
1991-1997	Effects of stress and addictive drugs, PI, USUHS
1992-1998	Behavioral assessment of neurotoxicities associated with dideoxynucleoside administration, PI, U.S. Food and Drug Administration
1995-1996	The maternal and fetal cardiovascular effects of caffeine ingestion, co-PI, NNMC
1997-2001	The effects of stress, nicotine, and related drugs, PI, USUHS
1999-2000	Development and validation of pre-clinical models of neurotoxicity in drug testing, PI, U.S. Food and Drug Administration
1999-2001	Biobehavioral effects of nicotine in young rats: An animal model to determine how to prevent youth tobacco use, PI, Robert Wood Johnson Foundation
1999-2004	Behavioral and biological assessment of neuropsychopharmacologic substances, PI, U.S. Food and Drug Administration
2001-2002	Effects of light exposure in rats, PI, National Institutes of Health
2001-2008	Effects of stress, nicotine, and related drugs, PI, USUHS
2002-2006	Evaluation of putative nicotine abstinence antagonists, PI, Wyeth Research
2006-2010	Nicotine's antidepressant actions in depression-sensitive and depression-resistant rats, PI, Society for Research on Nicotine and Tobacco
2006-2007	Dietary supplementation using glyceryltriacetate as a treatment for traumatic brain injury, co-investigator; A. Namboodiri (PI); Samueli Institute for Information Biology;
2007-2010	Recovery from mild and severe traumatic brain injury, co-investigator and PI for animal behavior evaluation; C. Kasper and D. Agoston (co-PIs); U.S. Veterans Administration;
2007-2010	Xenon therapy in controlled cortical impact-induced traumatic brain Injury, co-investigator and PI for animal behavior evaluation; G. Xing (PI); GEMI Fund
2007-2008	Canavan Disease: Pathogenesis and treatment, co-investigator and PI for animal behavior; A. Namboodiri (PI), NINDS, NIH
2007-2010	Biobehavioral effects of nicotine, alcohol, and stress, PI, USUHS

GRANTS UNDER REVIEW

Development of a transgenic mouse model for Gulf War Illness; 5%, 10%, 20%, 20% effort (increasing over the years)(co-investigator and PI for animal behavior evaluation); A. Namboodiri (PI), Department of Defense

Preventing the long-term consequence of repeated exposure to mild blast traumatic brain injury and stress; 15% effort (D. Agoston, N.E. Grunberg, T. Wu, PIs), DoD

Reduced N-Acetylaspartate in PTSD: A New Approach to Pathogenesis and Treatment; 5% effort, (A. Namboodiri, PI), DoD

Calcineurin and epigenetic factors in a model of traumatic brain injury; 5% effort (Z. Galdzicki, PI), DoD

Metabolic alteration and energy manipulation in a rat model of TBI; 5% effort (G. Xing, PI), DoD

Xenon Therapy in Rat Spinal Cord Injury (SCI) and SCI-induced Central Pain; 5% effort (N.E. Grunberg, PI), DoD

TEACHING EXPERIENCE

Medical School Lectures

Medical and Clinical Psychology Department: Anorexia and cachexia, Behavioral factors in preventive medicine, Cigarette smoking and tobacco use, Compliance with medical regimens, Current and emerging topics in Medical Psychology, Obesity, Stress, Substance abuse

Physiology Department: Taste Neurophysiology and Psychophysics

Preventive Medicine Department: Tobacco use, Substance abuse

Graduate Courses

Appetitive Behaviors, Behavioral Measures and Animal Models in Cognitive and Behavioral Neuroscience (in Advanced Topics and Techniques in Neuroscience), Introduction to Medical Psychology, Introduction to Neuroscience, Medical and Clinical Psychology Department Colloquium Series, Physiological Psychology, Psychopharmacology, Social Psychology, Stress, Tobacco Prevention, Tutorial in Medical Psychology, Tutorial in Statistical Analyses

Undergraduate Courses

Introductory Psychology, Laboratory in Psychophysics, Physiological Psychology

Summer Students

Mentor in DoD SEAP program and USUHS Center for Health Disparities Summer Research Program

Ph.D. Dissertations Supervised:

- 1984 David E. Morse, "Endocrinological responses to the administration of nicotine interactions with drug initiation, conditioned effects, and conditions of stress." *Medical Psychology*
- 1986 Deborah J. Bowen, "An examination of possible explanations for differential weight changes associated with pregnancy." *Medical Psychology*
- 1989 Stephen A. Talmadge, "Food consumption, restraint, and stress." *Clinical Psychology*
- 1990 Suzan E. Winders, "The effects of stress on levels of nicotine in the rat." *Medical Psychology*
- 1990 Kathryn A. Popp, "Effects of swimming and access to sweet food on nicotine cessation-induced weight gain." *Medical Psychology*
- 1992 Jane B. Acri, "Interactions of stress and nicotine on amplitude, pre-pulse inhibition, and habituation of the acoustic startle reflex." *Medical Psychology*
- 1992 Margarita Raygada, "The role of hypothalamic insulin and dopamine in the anorectic effect of cocaine and d-amphetamine." *Medical Psychology*
- 1992 Yavin Shaham, "Conditioning factors in the relationship between stress and opioid self-administration in rats." *Medical Psychology*
- 1993 Elizabeth S. Mezzacappa, "Group cohesiveness, deviation, stress, and conformity." *Medical Psychology*
- 1997 Kelly J. Brown, "Examination of acute sensitivity to morphine and morphine self-administration following physical and environmental stressors in Lewis and Fischer-344 female rats." *Medical Psychology*
- 1997 Laura Cousino Klein, "Effects of early nicotine exposure in subsequent fentanyl consumption in female and male rats: An examination of the Gateway Hypothesis." *Medical Psychology*
- 1997 E. Jon Popke, "Effects of nicotine and ethanol on indices of reward and sensory-motor function: Implication for the relationship between cigarettes and alcohol." *Medical Psychology*
- 1999 Matthew A. Rahman, "Effects of prenatal exposure to nicotine on working memory, activity, sensory-gating, and dopamine receptor binding in adolescent and adult male and female rats." *Neuroscience*
- 1999 Peter M. Scheufele, "The effects of progressive relaxation and music on attention, relaxation, and stress responses: An investigation of the cognitive-behavioral model of relaxation." *Clinical Psychology*
- 1999 Nathaniel A. Apatov, "Nicotine-induced antinociception in male and female Sprague-Dawley rats." *Neuroscience*
- 2000 Martha M. Faraday, "The role of sex and strain in behavioral and biologic stress responses of rats." *Medical Psychology*
- 2001 Casey Skvorc, "Perception of personal well-being and occupational injuries in the federal correctional workforce." *Medical Psychology*
- 2001 Jeffrey H. Cook, "Interaction of stress and anxiogenic drugs on behaviors of rats and antagonism with indomethacin." *Clinical Psychology*

- 2003 Bonnie R. Chavez, "Effects of stress and relaxation on time perception in humans." *Clinical Psychology*
- 2005 Brenda M. Elliott, "Environmental enrichment, performance, and brain injury in male and female rats." *Medical & Clinical Psychology*
- 2005 Jennifer M. Phillips, "Effects of Clozapine and Alprazolam on Cognitive Deficits and Anxiety-like Behaviors in a Ketamine-Induced Rat Model of Schizophrenia." *Medical Psychology*
- 2006 Joshua L. Tomchesson, "The Effects of Environmental Enrichment on Bodyweight, Food Consumption, and Physical Activity in Rats." *Clinical Psychology*

Masters Theses Supervised:

- 1995 Kelly J. Brown, "Effects of housing conditions on stress responses, feeding, and drinking in male and female rats." *Medical Psychology*
- 1995 Laura C. Klein, "Stress, predictability, and oral fentanyl self-administration in female and male rats." *Medical Psychology*
- 1996 E. Jon Popke, "Effects of nicotine and nicotinic antagonists on pre-pulse inhibition of acoustic startle in rats." *Medical Psychology*
- 1997 Peter M. Scheufele, "Effects of nicotine administration, cessation, and differential housing conditions on aggressive behaviors of male and female rats." *Clinical Psychology*
- 1997 Karin Hygge, "The effects of nicotine and stress on body weight, food consumption, and levels of Neuropeptide Y and Galanin in male and female, Long-Evans and Sprague-Dawley rats." *Neuroscience (University of Kalmar, Sweden)*
- 1998 Martha M. Faraday, "Effects of nicotine administration on sensory-gating depend on rat strain and sex." *Medical Psychology*
- 1998 Nathaniel M. Apatov, "The effects of nicotine on antinociception in male and female Sprague-Dawley and Long-Evans rats." *Nursing*
- 1998 Casey Skvorc, "Effects of AZT, ddC, and d4T on memory in male and female rats." *Medical Psychology*
- 2001 Brenda M. Elliott, "The effects of stress and nicotine on heart histopathology differ in male and female Sprague-Dawley and Long-Evans rats." *Medical Psychology*
- 2001 Bonnie Yanko, "Examining the relationship between stress and the perception of time." *Clinical Psychology*
- 2003 Jennifer Phillips, "The Effects of Nicotine on MK-801-induced Attentional Deficits: An Animal Model of Schizophrenia." *Medical Psychology*
- 2004 Joshua Tomchesson, "Environmental enrichment and stress responses in rats." *Clinical Psychology*
- 2006 Sarah T. Shafer, "Housing Alters Biological and Psychological Stress Responses." *Medical Psychology*
- 2007 Michael E. Perry, "Nicotine withdrawal in adolescent and adult male rats." *Clinical Psychology*
- 2007 Kristen R. Hamilton, "Nicotine withdrawal in adolescent and adult female rats." *Medical Psychology*

MANAGERIAL EXPERIENCE

- 1979-Present Principal Investigator and supervisor of research assistants in a biobehavioral scientific research program investigating appetitive and addictive behaviors and stress in human and animal subjects under several research protocols. Responsibilities include: planning studies; obtaining funding; and managing day-to-day research activities, budgets, laboratory schedules, and personnel.
- 1979-Present Mentor of graduate students working towards the M.S. and Ph.D. degrees in Medical Psychology, Clinical Psychology, and Neuroscience. To date, have mentored 13 completed M.S. theses (8 Medical Psychology, 3 Clinical Psychology, 1 Neuroscience, 1 Graduate School of Nursing) and 22 completed Ph.D. dissertations (14 Medical Psychology, 5 Clinical Psychology, 2 Neuroscience, 1 Medical & Clinical Psychology). Three more graduate students are in training in my laboratory (2 Medical Psychology, 1 Clinical Psychology). In addition, I have served on the doctoral dissertation committees of eight students not in my laboratory, have chaired four doctoral dissertation committees (Kimberly Kalupa in Medical & Clinical Psychology; Tamara Crowder in Neuroscience, John Ashburn in Clinical Psychology, Jeremy Henriques in Neuroscience), and have served on several additional master's thesis committees.
- 1981-Present Director, Biochemistry and Psychoendocrinology Laboratory, Department of Medical and Clinical Psychology. Supervise varying numbers of laboratory personnel, coordinate daily activities, and interpret findings in support of ongoing protocols from several USUHS academic departments.
- 1987-1990 Chair, MacArthur Foundation Working Group on Smoking, a group of scientists and support staff engaged in an interdisciplinary research effort.
- 1988-1990 Scientific Editor of the 1988 and 1990 *U.S. Surgeon General's Reports on Smoking and Health*. Coordinated contributions from dozens of scientists; supervised editorial and staff personnel; coordinated public relations and media information releases with the Surgeon General's staff.
- 1990-1991 Chair, USUHS Manpower Working Group. Supervised 14 working group members (USUHS faculty and staff) and an additional 16 support staff members (USUHS faculty, staff, and students) in the design and conduct of the survey and in the preparation of the final report.
- 1990-1998 Co-chair, American Lung Association Research Review Committee and Chair, ALA Behavioral Sciences study section, an interdisciplinary group of more than a dozen medical personnel and scientists responsible for reviewing and approving research grant proposals.
- 1993-1999 Associate Editor, *Annals of Behavioral Medicine*
- 1993-1998 Associate Editor, *Journal of Applied Biobehavioral Research*
- 1993-2006 Assistant Editor for the Americas, *Addiction* (formerly *British Journal of Addiction*)
- 1994-Present Course Director, Medical Psychology MSI Course

1994-1995 President-Elect, USUHS Faculty Senate
 1985-1988 Consulting Editor, Behavioral Medicine Abstracts
 1995-1996 President, USUHS Faculty Senate
 1996-1997 Past-President, USUHS Faculty Senate
 1997-2006 Associate Editor, *Nicotine and Tobacco Research*
 1998 Scientific Director, Robert Wood Johnson Foundation Youth Tobacco Prevention Initiative
 2002-2003 Chair, USUHS Committee on Appointments, Promotions, and Tenure (CAPT)
 2002-2003 Team Leader, USUHS Strategic Planning Committee on Communications
 In addition, I have served as Chair and Vice Chair of several other USUHS committees.

OTHER PROFESSIONAL ACTIVITIES

Editorial Board, *Journal of Applied Social Psychology* (1995 - present)

Editorial Board, *Pharmacology Biochemistry and Behavior* (2004 - present)

Ad hoc reviewer for Aaron Diamond Foundation, *Addictive Behaviors*, *Alcohol and Drug Research*, *Alcoholism*, *American Psychologist*, *Annals of Behavioral Medicine*, *Appetite*, *Basic and Applied Social Psychology*, *Behavior Therapy*, *Behavioral Neuroscience*, *Behavioural Brain Research*, *Biological Psychiatry*, *Brain Behavior and Immunity*, *Brain Research*, *Bulletin of the Society of Psychologists in Addictive Behaviors*, *CDMRP TBI Advanced Technology: Neuroprotection and Repair Panel*, *Clinical and Experimental Research*, *Contemporary Psychology*, *Current Directions in Psychological Science*, *Drug and Alcohol Dependence*, *Drug Development Research*, *Endocrine*, *Experimental and Clinical Psychopharmacology*, *Health Psychology*, *Human Factors*, *International Journal of Neuropsychopharmacology*, John D. and Catherine T. MacArthur Foundation, *Journal of Abnormal Psychology*, *Journal of the American Medical Association*, *Journal of American Medicine*, *Journal of Applied Behavior Analysis*, *Journal of Applied Social Psychology*, *Journal of Behavioral Medicine*, *Journal of Consulting and Clinical Psychology*, *Journal of Substance Abuse*, *Life Sciences*, National Science Foundation, National Institutes of Health, *Neurobiology of Learning & Memory*, *Neuropsychopharmacology*, *New England Journal of Medicine*, *Nicotine & Tobacco Research*, *Obesity*, *Personality and Social Psychology Bulletin*, *Pharmacology Biochemistry and Behavior*, *Physiology & Behavior*, *Proceedings of the New York Academy of Sciences*, *Psychological Bulletin*, *Psychiatry: Biological and Interpersonal Processes*, *Psychological Inquiry*, *Psychological Review*, *Psychology of Addictive Behaviors*, *Psychoneuroendocrinology*, *Psychopharmacology*, *Psychophysiology*, Robert Wood Johnson Foundation, *Science*, *Social Science & Medicine*, *Tobacco Control*

Member, American Psychological Association, 1979- present

Fellow, American Psychological Association, 1992-present

Division 38, Health Psychology

Division 8, Social Psychology

Division 28, Psychopharmacology and Drug Abuse

Division 6, Behavioral Neuroscience and Comparative Psychology

Fellow, Academy of Behavioral Medicine Research (elected 1983)

Member, Society of Psychologists in Addictive Behaviors

Consultant for Krantz, D. S., Glass, David C., Contrada, Richard, & Miller, Neal E. Behavior and Health. Paper prepared for the National Science Foundation's second Five Year Outlook on Science and Technology, 1981.

Member, Interagency Technical Committee Working Group on Smoking and Heart, Lung, and Blood Diseases, National Institutes of Health, 1983 - 1988.

Fellow, The Society of Behavioral Medicine (elected 1985)

Member, Society for Neuroscience (elected 1990)

Member, *Ad Hoc* Behavioral Medicine Working Group of the Clinical Applications and Prevention Advisory Committee, NHLBI, NIH, 1985-1989.

Member and editor, NHLBI Smoking Relapse Workshop Publications Committee, 1985 - 1986.

Reviewer for NHLBI RFA on cigarette smoking in high cardiovascular risk patients, 1985.

Reviewer for NHLBI Institutional NRSA Training Grant application on cardiovascular behavioral medicine, 1985.

Chair, Biobehavioral Mechanisms Track, Program Committee, Society of Behavioral Medicine 1987 annual meeting, Washington, D.C.

Co-chair, Smoking Research Working Group, MacArthur Foundation Network on Health-Damaging and Health-Promoting Behaviors, 1987-1990.

Member, American Lung Association/American Thoracic Society Research Review Committee, 1987-1998. (Co-chair and chair Behavioral Sciences study section: 1991-1998)

Reviewer for NHLBI RFA on cigarette smoking in minority populations, 1989.

Member, American Lung Association/American Thoracic Society Committee for Behavioral Sciences, 1990-1995.

Charter member, American Psychological Society/Association of Psychological Science

Charter member, Society for Research on Nicotine and Tobacco, 1994-present

Member, The Society for the Study of Ingestive Behaviors, Inc., 1995-present.

Chair, Public Policy, Society for Research on Nicotine and Tobacco, 1994-1996.

Chair, Public Policy and Scientific Liaison, Society for Research on Nicotine and Tobacco, 1996 - 1999

Reviewer for The Robert Wood Johnson Foundation Substance Abuse Policy Research Program (SAPRP), 1997 - present.

Scientific advisor, *Journal Highlights*, Center for the Advancement of Health, Washington, D.C., 1997 - present

Representative of the Society for Research on Nicotine and Tobacco to Alliance for Health and Behavior (a national coalition of 26 societies and 250,000 professionals), 1997 - 2002.

Member, Organizing Committee, NIDA/RWJ Addicted to Nicotine Conference, 1997 - 1998.

Scientific Consultant to U.S. Surgeon Generals on Tobacco Cessation and Prevention (DoD. AATRC), 1998 - Present

Scientific Consultant to DoD-wide Tobacco Intervention Study (PI: Harry Lando, Ph.D.), 2000-present

Spokesman for SRNT to DHHS/WHO Hearings Regarding International Tobacco "Treaty," 2000

Member of NIH study section, Brain Disorders and Clinical Neuroscience (BDCN), 2003 - 2004.

Member of NIH study section, Neural Basis of Psychopathology, Addictions, and Sleep Disorders (NPAS) Study Section, 2001 -2004.

Representative for SRNT to Decade of Behavior Working Group, 2001 - 2005
 Member, Decade of Behavior Coordinating Committee, 2001 - 2005
 Scientific Consultant on Emerging Science, The American Legacy Foundation, 2001-present
 Member, National Rehabilitation Hospital's Neuroscience Center Advisory Committee, 2001-Present.
 Faculty Mentor, Society for Behavioral Medicine, 2002 - present.
 Member of NIH Center for Scientific Review Special Emphasis Panel (ZRG1 HOP-N (90)), Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD), May 26 – 27, 2005.
 Member of NIH special review panel (BBBP-H): Strengthening Behavioral and Social Science in Medical Schools, June 20 -21, 2005.
 Chair and member, SRNT Nominations Committee, 2004 – 2007.
 Member of NIH study section (Adult Psychopathology and Disorders of Aging [APDA], Biobehavioral and Behavioral Processes Integrated Review Group [BBBP]), June 15 – 16, 2006.
 Member, Wisdom Council, Society of Behavioral Medicine, 2006 – present.
 Member, Advisory Committee, Maryland Resource Center for Quitting Use and Initiation of Tobacco (MDQuit), 2006 – present.
 Member, Faculty of 1000 Biology, an electronic journal review resource, 2006 – present.
 Member, Council on Certification of Nurse Anesthetists, 2007 – 2010.
 Consultant, NIH Transdisciplinary Tobacco Research Centers, 2007.

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES ACTIVITIES

1980-1981	Department of Medical Psychology Representative, Major Equipment Committee
1981-1983	Member, Human Use Review Committee (Institutional Review Board)
1981-1984	Member, Research Proposal Scientific Merit Review Committee
1981-Present	Department of Medical Psychology Property Custodian
1984-1985	Member, Working Group on Teaching Neurosciences to Medical Students
1984-1985	Member, Faculty Senate
1984-1985	Member, Faculty Senate Education Committee
1984-1985	Member and Vice Chair, Welfare and Recreation Fund Committee
1984-1990	Member, Radiation Safety Committee
1985	Member, Faculty Development Program Steering Committee
1986-1987	Member, Ad hoc Committee on Topic Groups for Teaching Medical Students
1986-1987	Member, Post Restaurant Committee
1987-1988	Member, Graduate Education Committee
1986-1990	Chair and Member, Substance Abuse Topic Group
1987-1990	Member, Nutrition Topic Group
1987-1990	Member, Faculty Grievance Committee
1988-1989	Member, Graduate Education Self-study Steering Committee
1988-1989	Chair and Member, Teaching Subcommittee of Graduate Education Self-study Steering Committee
1988-1991	Member, Neuroscience Working Group

1988-1991	Member, Library Advisory Committee
1989-1991	Member, Faculty Senate Basic Sciences Education Committee
1989-1993	Member, Faculty Senate Comparability Committee
1990-1993	Member, Faculty Senate
1990-1991	Chair, Manpower Working Group
1990-1991	Member, Space Committee
1991	Vice Chair and Member, Extramural Education Committee
1990-1993	Member, Curriculum Committee
1993	Chair, Faculty Senate Nominations Committee
1994-1999	Faculty Advisor, Phi Delta Epsilon (USUHS chapter of medical student service organization)
1994-2000	Member, Neuroscience Program Executive Committee
1994-1995	President-Elect, Faculty Senate
1995-1996	President, Faculty Senate
1995-present	Course Director, Medical Psychology MSI course
1996-1997	Past-President, Faculty Senate
1996	Member, Associate Dean for Faculty Affairs Search Committee
1997	Chair, Wellness Topic Group, Curriculum Review
1997	Member, Neuroscience, Gastrointestinal, Genetic, and Reproductive Biology Topic Groups, Curriculum Review
2000-2003	Member, Graduate Student Recruitment Committee
2000-2002	Member, Committee on Appointments, Promotions, and Tenure
2000-2002	Member, Interdepartmental Working Group on Space Medicine
2001-2002	Chair, Research Committee, Interdepartmental Center for Space Medicine
2001	Research Day Organizing Committee
2001	Chair, Workshop of Key USUHS Safety Committees
2001	Member, Search Committee for Chair, Department of Family Medicine
2001-2004	Member, Faculty Senate Research Committee
2001-2006	USUHS Representative, Baltimore-Washington Public Health Consortium
2001-present	USUHS Representative and Liaison, USUHS-National Rehabilitation Hospital Collaboration
2002-2003	Mission, Goals, and Objectives Subcommittee, USUHS Middle States Self-Study
2002-2003	Team Leader, Strategic Planning Committee on Communications
2002-2003	Chair, USUHS Committee on Appointments, Promotions, and Tenure
2002-2003	USUHS Strategic Planning Working Group
2003-2004	Faculty Representative to USUHS Strategic Planning Retreat
2003-2004	Member, USUHS Strategic Planning Implementation Working Group
2003	USUHS Ob-Gyn Chair Search Committee
2005	Faculty Development Working Group for Teaching Excellence
2005-2006	Member, Faculty Senate Grievance Committee
2005-present	Mentor, USUHS Center for Health Disparities Summer Research Program
2006-present	Member, USUHS Center for Health Disparities Research Intern Selection Committee

2006-present	Member, Faculty Senate
2006-present	Animal Behavior Research Committee
2006-2007	Member, Faculty Senate Comparability Committee
2006-present	Chair, Faculty Senate Grievance Committee
2006-present	Coordinator, Medical & Clinical Psychology Department web site
2007-present	Member, Faculty Senate Working Group on Faculty Mentorship
2006-present	Member, Faculty Senate Nominations Committee
2007-present	Member, USUHS Consortium for Obesity, Research, Education, and Treatment (CORTE)
2007-present	Chair, USUHS CORTE Education Committee
2007-present	Member, USUHS CORTE Research Committee
2007-present	Member, Faculty Senate Education Committee
2007-present	Member, Controlled Substance/Alcohol Inventory Committee (CSAIB)

AWARDS

1975-79	Columbia University Graduate School of Arts & Sciences Faculty Fellowship
1976-79	NIH National Research Service Award: Pharmacological Sciences Research Training Grant, Columbia University School of Physicians & Surgeons, Department of Pharmacology
1977	Psychobiology Institute on Neurobiology & Addiction, University of California, Irvine (summer participant)
1987	Optometric Editors Association National Award for Best Non-Technical Article
1988	Centers for Disease Control Award for Outstanding Service as Scientific Editor of the 1988 Surgeon General's Report on Smoking and Health
1989	American Psychological Association, Division of Health Psychology, annual award for Outstanding Contributions to Health Psychology
1989	USUHS Certificate of Appreciation
1990	Centers for Disease Control Award for Outstanding Service as Scientific Editor of the 1990 Surgeon General's Report on Smoking and Health
1990	U. S. Surgeon General's Medallion
1991	USUHS Certificate of Superior Accomplishment
1994	USUHS Excellence in Teaching Award (selected by Class of 1996)
1997	USUHS Award for Contributions to Interdisciplinary Education in Neuroscience
1998	USUHS Distinguished Service Medal awarded by USUHS Board of Regents
1998	USUHS Award for Contributions to Interdisciplinary Education in Neuroscience
1999	USUHS Outstanding Biomedical Graduate Educator Award
1999	USUHS Award for Contributions to Interdisciplinary Education in Neuroscience
1999	Outstanding Medical Psychology Instructor (selected by class of 2002)
2000	USUHS Award for Education in Neuroscience
2000	Outstanding Medical Psychology Instructor (selected by class of 2003)
2001	Outstanding Medical Psychology and Physiology Instructor (selected by class of 2004)
2002	Outstanding Medical Psychology Instructor (selected by class of 2005)

2003	U.S. Food and Drug Administration Scientific Contributions Recognition Award
2003	National Cancer Institute, Division of Cancer Prevention, Certificate of Appreciation
2004	Outstanding Instruction in Faculty Development, Tripler Army Medical Center
2005	National Cancer Institute, Division of Cancer Prevention, Certificate of Appreciation
2006	Society for Research on Nicotine and Tobacco (SRNT) Award as a founding Associate Editor of the society's journal, <i>Nicotine & Tobacco Research</i>
2006	Society of Behavioral Medicine, Distinguished Scientist Award
2006	USUHS Center for Health Disparities Building Partnerships for Better Health Award
2007	USUHS Carol J. Johns Medal

PUBLICATIONS

Grunberg, N.E. (1980). The effects of nicotine on food consumption and taste preferences (Doctoral dissertation, Columbia University, 1980). *Dissertation Abstracts International*, 41 (2). 728-B.

Grunberg, N.E. (1980). A convenient encyclopedia of coronary-prone behavior. *Contemporary Psychology*, 25(8), 636-638.

Grunberg, N.E., & Anthony, B.J. (1980). Monetary awareness in children. *Basic and Applied Social Psychology*, 1, 343-350.

Kozlowski, L.T., Rickert, W.S., Robinson, J.C., & Grunberg, N.E. (1980). Have tar and nicotine yields of cigarettes changed? *Science*, 209, 1550-1551. Reprinted in *World Smoking and Health* (1982), 7, 31-34.

Grunberg, N.E. (1981). Substance abuse among the elderly. In: *National Research Plan on Aging*, National Institute on Aging, Washington, D.C.

Grunberg, N.E. (1982). Obesity: Etiology, hazards, and treatment. In R.J. Gatchel, A. Baum, & J.E. Singer (Eds.). *Handbook of Psychology and Health. Volume I: Clinical Psychology and Behavioral Medicine* (pp. 103-119). Hillsdale, NJ: Erlbaum.

Baum, A., Grunberg, N.E., & Singer, J.E. (1982). The use of psychological and neuroendocrinological measurements in the study of stress. *Health Psychology*, 1, 217-236.

Grunberg, N.E. (1982). The effects of nicotine and cigarette smoking on food consumption and taste preferences. *Addictive Behaviors*, 7, 317-331.

Apple, W., & Grunberg, N.E. (1982). Emotional reactions to news events. *Journal of Applied Social Psychology*, 12, 493-502.

Grunberg, N.E., Morse, D.E., & Barrett, J.E. (1983). Effects of urinary pH on the behavioral responses of squirrel monkeys to nicotine. *Pharmacology Biochemistry and Behavior*, 19, 553-557.

Grunberg, N.E., Bowen, D.J., & Morse, D.E. (1984). Effects of nicotine on body weight and food consumption of rats. *Psychopharmacology*, 83, 93-98.

Grunberg, N.E., & Morse, D.E. (1984). Cigarette smoking and food consumption in the United States. *Journal of Applied Social Psychology*, 14, 310-317.

Grunberg, N.E., & Baum, A. (1984). Social psychological approaches to cigarette smoking behavior. *Journal of Applied Social Psychology*, 14, 181-183.

Grunberg, N.E. (1984). Reinforcing properties of nicotine: Positive, negative, or interactive? *Pavlovian and Biological Science*, 19 (2), 105-106.

Krantz, D.S., Grunberg, N.E., & Baum, A. (1985). Health Psychology. *Annual Reviews of Psychology*, 36, 349-383.

Grunberg, N.E., Morse, D.E., Maycock, V.A., & Kozlowski, L.T. (1985). Changes in overwrap and butt length of American filter cigarettes: An influence on reported tar yields. *New York State Journal of Medicine*, 85, 310-312.

Grunberg, N.E., & Bowen, D.J. (1985). Coping with the sequelae of smoking cessation. *Journal of Cardiopulmonary Rehabilitation*, 5, 285-289. Reprinted in Krantz, D.S. & Blumenthal, J.A. (Eds.) (1987). *Behavioral Assessment and Management of Cardiovascular Disorders*, Sarasota, FL: Professional Resource Exchange, Inc.

Grunberg, N.E., Maycock, V.A., & Anthony, B.J. (1985). Material altruism in children. *Basic and Applied Social Psychology*, 6, 1-11.

Grunberg, N.E., & Bowen, D.J. (1985). The role of physical activity in nicotine's effects on body weight. *Pharmacology Biochemistry and Behavior*, 23, 851-854.

Grunberg, N.E. (1985). Nicotine, cigarette smoking, and body weight. *British Journal of Addiction*, 80, 369-377.

Grunberg, N.E., Bowen, D.J., Maycock, V.A., & Nespor, S.M. (1985). The importance of sweet taste and caloric content in the effects of nicotine on specific food consumption. *Psychopharmacology*, 87, 198-203.

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Grunberg, N.E., Morse, D.E., Maycock, V.A., & Kozlowski, L.T. (1981, August). A caution for cigarette smokers and smoking researchers, American Psychological Association, Los Angeles, California, August, 1981.

Grunberg, N.E., & Baum, A. (1981, August). Endocrinological assays and behavioral assessment in the study of stress, American Psychological Association, Los Angeles, California, August, 1981.

Grunberg, N.E. (1982, April). Biochemistry and behavior in the study of cigarette smoking, Eastern Psychological Association, Baltimore, Maryland.

Deckel, A.W., Grunberg, N.E., & Sarvey, J.M. (1982, April). An animal model of behavioral recovery from a Wernicke's encephalopathy-like lesion, Eastern Psychological Association, Baltimore, Maryland.

Morse, D.E., Grunberg, N.E., & Barrett, J.E. (1982, April). Behavioral effects of cumulative doses of nicotine in squirrel monkeys, Eastern Psychological Association, Baltimore, Maryland.

Grunberg, N.E., Morse, D.E., & Barrett, J.E. (1982, August). Effects of urinary pH on monkeys' behavioral responses to nicotine, American Psychological Association, Washington, D.C.

Grunberg, N.E. (1982, September). Cigarette smoking and appetitive behaviors: Implications for Cancer, 13th International Cancer Congress, Seattle, Washington.

Grunberg, N.E. (1983, March). Cancer cachexia: Taste aversions or taste preferences? Conference on Psychobiological Aspects of Conditioned Taste Aversion and Nutritional Problems in Cancer, Nashville, Tennessee.

Grunberg, N.E., Bowen, D.J., & Morse, D.E. (1983, April). Effects of nicotine on body weight and food consumption, Eastern Psychological Association, Philadelphia, Pennsylvania.

Grunberg, N.E. (1983, June 2). Biobehavioral factors in the relationship between cigarette smoking and body weight, First International Conference on Behavioral Health, Nags Head Conference Center, Kill Devil Hills, North Carolina.

Grunberg, N.E., & Bowen, D.J. (1983, August). Effects of nicotine on body weight and physical activity, American Psychological Association, Anaheim, California.

Grunberg, N.E. (1983, August). Body weight and biochemistry in the maintenance of cigarette smoking, American Psychological Association, Anaheim, California.

Grunberg, N.E. (1983, August). A discussion of stress and smoking, American Psychological Association, Anaheim, California.

Grunberg, N.E. (1983, November). Reinforcing properties of nicotine: positive, negative, or interactive? The Pavlovian Society, Lexington, Kentucky.

Grunberg, N.E., Bowen, D.J., Maycock, V.A., Nespor, S.M., & Morse, D.E. (1984, August). Effects of nicotine on specific food consumption: Taste versus calories, American Psychological Association, Toronto, Canada.

Lord, D., Mansbach, R.S., Bowen, D.J., Grunberg, N.E., & Singer J.E. (1985, March). Drug effects on timing behavior in the Mongolian gerbil (*Meriones unguiculatus*), Eastern Psychological Association, Boston, Massachusetts.

Grunberg, N.E. (1985, August). Biological aspects of stress and substance use, American Psychological Association, Los Angeles, California.

Bowen, D.J., Eury, S.E., & Grunberg, N.E. (1985, August). Physical activity's role in nicotine-induced weight changes in females, American Psychological Association, Los Angeles, California.

Grunberg, N.E., Bowen, D.J., & Winders, S. (1985, August). Nicotine, body weight, and food consumption in female rats, American Psychological Association, Los Angeles, California.

Grunberg, N.E. (1985, December). Nicotine as a psychoactive drug: Appetite regulation, American College of Neuropsychopharmacology, Maui, Hawaii.

Winders, S.E., & Grunberg, N.E. (1986, April). Sex differences in eating behavior and body weight in response to nicotine administration in rats, Eastern Psychological Association, New York, New York.

Grunberg, N.E. (1986, August). Women's worries about weight gain after smoking cessation are justified, American Psychological Association, Washington, D.C.

Grunberg, N.E. & Bowen, D.J. (1986, August). Carbohydrate preference after smoking cessation, American Psychological Association, Washington, D.C..

Grunberg, N.E., Popp, K.A., Bowen, D.J., Nespor, S.M., Winders, S.E., & Eury, S.E. (1986, August). Biochemical effects of nicotine: Relevance to nicotine/body weight relationship, American Psychological Association, Washington, D. C.

Grunberg, N.E., Popp, K.A., & Winders, S.E. (1987, August). Effects of nicotine on body weight and junk food consumption, American Psychological Association, New York City, New York.

Winders, S.E., & Grunberg, N.E. (1987, August). Nicotine, body weight, food consumption and body composition in rats, American Psychological Association, New York City, New York.

Grunberg, N.E. (1987, August). Relationships among stress, eating, and substance abuse, American Psychological Association, New York City, New York.

Grunberg, N.E. (1987, September). Nicotine and body weight: Behavioral and biological mechanisms, International Symposium on Nicotine, Gold Coast, Queensland, Australia.

Grunberg, N.E. (1988, April). Smoking and body weight: Implications and directions for future research, Society of Behavioral Medicine, Boston, Massachusetts.

Grunberg, N.E., Sibolboro, E.C., & Talmadge, S.A. (1988, August). Stress and eating: Restraint, sex, and specific foods are important, American Psychological Association, Atlanta, Georgia.

Grunberg, N.E., Raygada, M., Popp, K.A., Nespor, S.M., Sibolboro, E.C., & Winders, S. E. (1988, August). Nicotine cessation affects plasma insulin and glucose levels in rats, American Psychological Association, Atlanta, Georgia.

Grunberg, N.E. (1988, August). Prospects for research in health and behavior: Cigarette smoking, American Psychological Association, Atlanta, Georgia.

Winders, S.E., & Grunberg, N.E. (1989, April). Stress, smoking, and the role of nicotine: Does stress alter the experience of nicotine or does nicotine alter the experience of stress? Society of Behavioral Medicine, San Francisco, California.

Sibolboro, E.C., & Grunberg, N.E. (1989, August). Nicotine and body weight: Examining the role of endogenous opioids, American Psychological Association, New Orleans, Louisiana.

Raygada, M., Nespor, S.M., & Grunberg, N.E. (1989, August). Nicotine alters insulin levels in rat hypothalami, American Psychological Association, New Orleans, Louisiana.

Grunberg, N.E. (1989, August). Gender differences in tobacco use, American Psychological Association, New Orleans, Louisiana.

Raygada, M., Nespor, S.M., & Grunberg, N.E. (1990, August). Pancreatic insulin partially mediates the nicotine-body weight relationship, American Psychological Association, Boston, Massachusetts.

Acri, J.B., Morse, D.E., & Grunberg, N.E. (1990, August). Effects of nicotine on acoustic startle in rats, American Psychological Association, Boston, Massachusetts.

Raygada, M., Shaham, Y., Kant, G.J., & Grunberg, N.E. (1990, August). Stress, CNS biochemical changes, and eating behavior, American Psychological Association, Boston, Massachusetts.

Raygada, M., Shaham, Y., Nespor, S.M., Kant, J., & Grunberg, N.E. (1991, August). Effect of immobilization stress on hypothalamic insulin, American Psychological Association, San Francisco, California.

Acri, J.B., & Grunberg, N.E. (1991, August). A psychophysical task to quantify smoking cessation-induced irritability, American Psychological Association, San Francisco, California.

Grunberg, N.E. (1991, August). Implications of nicotine addiction for research and treatment, American Psychological Association, San Francisco, California.

Grunberg, N.E. (1992, August). Gender and stress: Important variables in health psychology, American Psychological Association, Washington, D. C.

Grunberg, N.E. (1992, August). Gender and Stress: Important variables in basic substance abuse research, American Psychological Association, Washington, D. C.

Shaham, Y., & Grunberg, N.E. (1992, August). The stress-opioid interaction: Examination of the role of conditioning, American Psychological Association, Washington, D.C.

Acri, J.B., Morse, D.E., & Grunberg, N.E. (1992, August). Nicotine increases pre-pulse inhibition of acoustic startle reflex in rats, American Psychological Association, Washington, D.C.

Grunberg, N.E., & Acri, J.B. (1993, April). Examination of attentional effects of nicotine in a rat model, Eastern Psychological Association meeting, Arlington, Virginia.

Klein, L.C., Shaham, Y., Alvares, K., & Grunberg, N.E. (1993, August). Effect of stress on oral fentanyl consumption in female rats, American Psychological Association, Toronto, Canada.

Nespor, S.M., Suedfeld, P., Acri, J.B., & Grunberg, N.E. (1993, August). Reactive irritability and stress in an isolated environment, American Psychological Association, Toronto, Canada.

Acri, J.B., Nespor, S.M., Brown, K., & Grunberg, N.E. (1993, August). Interactions of stress and nicotine on PPI and acoustic startle, American Psychological Association, Toronto, Canada.

Acri, J.B., Saah, M.I., Brown, K., & Grunberg, N.E. (1993, August). Effects of age, strain, and nicotine on rats' acoustic startle, American Psychological Association, Toronto, Canada.

Davis, H.D., Morse, D.E., Brown, K.J., Popke, E.J., Ussery, M.A. & Grunberg, N.E. (1993, November). Effects of ddC and AZT on locomotor activity in rats, Society for Neuroscience, Washington, D.C. Society for Neuroscience Abstracts, 19, 1891.

Grunberg, N.E., & Brown, K.J. (1994, June). A multidisciplinary approach to U.S. medical student education about tobacco use, poster, 28th Global Conference of Lung Disorders, Mainz, Germany.

Popke, E.J., Klein, L.C., Alvares, K., & Grunberg, N.E. (1994, June). Stress-induced endogenous opioids influence memory in male but not female rats, American Psychological Society, Washington, D.C.

Mezzacappa, E.S., Jochum, S.A., & Grunberg, N.E. (1994, July). Task performance: Sensitivity to group cohesiveness effects, American Psychological Society, Washington, D.C.

Grunberg, N.E., Acri, J.B., & Popke, E.J. (1994, July). An animal model to study nicotine's effects on cognition, International Symposium on Nicotine, Montreal, Canada.

Popke, E.J., & Grunberg, N.E. (1994, July). Effects of acute nicotinic blockade on the acoustic startle response and pre-pulse inhibition in male and female rats, International Symposium on Nicotine, Montreal, Canada.

Klein, L.C., Popke, E.J., & Grunberg, N.E. (1994, August). Stress, predictability, and fentanyl self-administration in male and female rats, American Psychological Association, Los Angeles, California.

Brown, K.J., Wood, L.A., & Grunberg, N.E. (1994, August). Crowding stresses male but not female rats, American Psychological Association, Los Angeles, California.

Popke, E.J., Acri, J.B., & Grunberg, N.E. (1994, August). Nicotine, stress, and acoustic startle responses of rats, American Psychological Association, Los Angeles, California.

Grunberg, N.E., & Klein, L.C. (1994, September). Smoking, eating, stress, and drug use: Gender issues, Drug Addiction Research and the Health of Women Conference, sponsored by the National Institute on Drug Abuse and the National Institutes of Health, Sheraton Premiere at Tysons Corner, Vienna, VA.

Grunberg, N.E. (1994, November). Neurobiological mechanisms in alcohol and tobacco use, National Institute on Alcohol Abuse and Alcoholism Conference on Alcohol and Tobacco: From Basic Science to Policy, San Diego, California.

Grunberg, N.E. (1994, November). An integration of neurobiologic, sociocultural, and genetic issues relevant to alcohol and tobacco use, National Institute on Alcohol Abuse and Alcoholism conference on Alcohol and Tobacco: From Basic Science to Policy, San Diego, California.

Rahman, M.A., Mueller, G.P., & Grunberg, N.E. (1994, November). Disulfiram causes sustained behavioral and biochemical effects in rats, Society for Neuroscience, Miami, Florida.

Davis, H.D., Morse, D.E., & Grunberg, N.E. (1994, November). Effects of chronic ddC administration on locomotor activity in rats, Society for Neuroscience, Miami, Florida. Society for Neuroscience Abstracts, 20, 1564.

Grunberg, N.E., & Klein, L.C. (1995, March). Effects of anticipatory stress on eating behavior in women and men, Society of Behavioral Medicine Conference, San Diego, California.

Klein, L.C., Lapidus, R., & Grunberg, N.E. (1995, March). Conditioned fear as an animal paradigm to examine the effects of stress on eating, Society of Behavioral Medicine Conference, San Diego, California.

Nespor, S.M., Popke, E.J., Rahman, M.A., & Grunberg, N.E. (1995, March). Sex differences in effects of prenatal nicotine on hypothalamic and plasma insulin in rats, Society of Behavioral Medicine, San Diego, CA.

Popke, E.J., Tizabi, Y., Rahman, M.A., & Grunberg, N.E., (1995, March). Effects of prenatal nicotine exposure on pre-pulse inhibition in male and in female rats, Society for Research on Nicotine and Tobacco, San Diego, CA.

Brown, K.J., & Grunberg, N.E. (1995, March). Social stressors and environmental condition on food consumption in female and male rats, Society of Behavioral Medicine Annual Meeting, San Diego, CA.

Davis, H.D., Brown, K.J., Popke, E.J., Grunberg, N.E., & Morse, D.E. (1995, March). Effects of the anti-HIV drug ddC on locomotion in male rats, Society of Behavioral Medicine Annual Meeting, San Diego, CA.

Davis, H.D., Grunberg, N.E., & Morse, D.E. (1995, March). An animal model for preclinical behavioral toxicity screening of anti-HIV drugs, Society of Behavioral Medicine Annual Meeting, San Diego, CA.

Nespor, S.M., Aciri, J.B., Steel, G.D., Suedfeld, P., & Grunberg, N.E. (1995, August). Taste perception and stress responses in an isolated environment, American Psychological Association, New York, NY.

Brown, K.J., Klein, L.C., Rahman, M.A. & Grunberg, N.E. (1995, August). Acoustic startle responses as predictors of fentanyl self-administration in rats, American Psychological Association, New York, New York.

Brown, K.J., Klein, L.C. Rahman, M.A., & Grunberg, N.E. (1995, August). Social stressors and opioid self-administration in female and male rats, American Psychological Association, New York, New York.

Klein, L.C., Popke, E.J., & Grunberg, N.E. (1995, August). Relapse of oral fentanyl self-administration in female and male rats, American Psychological Association Conference, New York, New York.

Grunberg, N.E. & Klein, L.C. (1995, October). Gender differences in tobacco use and effects, ASAM'S 8th Annual Conference on Nicotine Dependence, Toronto, Ontario Canada

Nespor, S.M., Popke, E.J., Rahman, M.A., & Grunberg, N.E. (1995, November). Sex differences in body weight effects of prenatal nicotine in rats, Society for Neuroscience, San Diego, CA.

Tizabi, Y., Popke, E.J., Rahman, M.A., Nespor, S.M., & Grunberg, N.E. (1995, November). Effects of prenatal nicotine exposure on locomotor activity, sensory gating, and central nicotinic receptors, Society for Neuroscience, San Diego, CA.

Grunberg, N.E. (1996, March). Molecular Biology of Nicotinic Receptors and Behavioral Effects of Nicotine, Society for Research on Nicotine and Tobacco's 2nd Annual Scientific Conference, Washington, D.C.

Klein, L.C., Faraday, M.M., & Grunberg, N.E. (1996, March). Gender differences in eating after exposure to a noise stressor, Fourth International Congress of Behavioral Medicine, Washington, D.C.

Davis, H.D., Brown, K.J., Popke, E.J., O'Donoghue, V.A., Grunberg, N.E., & Morse, D.E. (1996, March). Effects of the anti-HIV drug ddC on locomotion in male rats, Fourth International Congress of Behavioral Medicine, Washington, D.C.

Nespor, S.M., Rahman, M.A., Scheufele, P.M., & Grunberg, N.E. (1996, March). Serum corticosterone in male and female rats after prenatal nicotine, Society for Research on Nicotine and Tobacco's 2nd Annual Scientific Conference, Washington, D.C.

Scheufele, P.M., Faraday, M.M., Rahman, M.M., & Grunberg, N.E. (1996, March). Effects of nicotine and housing on body weight of male and female Long-Evans rats, Society for Research on Nicotine and Tobacco's 2nd Annual Scientific Conference, Washington, D.C.

Faraday, M.M., Rahman, M.M., Scheufele, P.M., & Grunberg, N.E. (1996, March). Nicotine and housing effects on locomotor activity in male and female rats, Society for Research on Nicotine and Tobacco's 2nd Annual Scientific Conference, Washington, D.C.

Rahman, M.M., Scheufele, P.M., Faraday, M.M., & Grunberg, N.E. (1996, March). Effects of nicotine administration, cessation, and housing on short-term memory in male and female rats, Society for Research on Nicotine and Tobacco's 2nd Annual Scientific Conference, Washington, D.C.

Faraday, M.M., Rahman, M.A., Scheufele, P.M., & Grunberg, N.E. (1996, November). Nicotine administration impairs sensory-gating in Long-Evans rats. Society for Neuroscience, Washington, D.C.

Rahman, M.A., Faraday, M.M., Mueller, G.P., & Grunberg, N.E. (1996, November). Disulfiram causes sustained behavioral and biochemical effects in male and female rats. Society for Neuroscience, Washington, D.C.

Skvorc, C., Davis, H.D., Morse, D.E., & Grunberg, N.E. (1996, November). Effects of AZT and ddC on learning and memory in male and female rats, Society for Neuroscience, Washington, D.C.

Faraday, M.M., Hygge, K., & Grunberg, N.E. (1997, April). Stress decreases blood volume in rats: A possible animal model for stress-induced hemodynamic changes, Society for Behavioral Medicine, San Francisco, CA.

Brown, K.J., Niaura, R.S., Abrams, D., Goldstein, M., & Grunberg, N.E. (1997, June). Gender differences in reactive irritability after smoking, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Brown, K.J., Faraday, M.M., & Grunberg, N.E. (1997, June). A 13-minute psychophysical instrument to quantify reactive irritability in smoking cessation (RIS-II), Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Klein, L.C., & Grunberg, N.E. (1997, June). Adolescent nicotine exposure alters biochemical levels in adult rats, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Klein, L.C., Palmer, K.S., & Grunberg, N.E. (1997, June). Behavioral effects of nicotine in adolescent male and female rats, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Hygge, K., Faraday, M.M., Rahman, M.A., & Grunberg, N.E. (1997, June). Effects of nicotine and stress on neuropeptide Y and galanin in male and female Sprague-Dawley rats, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Faraday, M.M., Scheufele, P.M., Rahman, M.A., & Grunberg, N.E. (1997, June). Effects of nicotine and environmental conditions on serum insulin and corticosterone in male and female Long-Evans rats, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Scheufele, P.M., Faraday, M.M., Migneault, A., & Grunberg, N.E. (1997, June). Nicotine administration reduces aggressive behaviors in rats, Society for Research on Nicotine and Tobacco's 3rd Annual Meeting, Nashville, Tennessee.

Apatov, N.M., Rahman, M.A., Faraday, M.M., & Grunberg, N.E. (1997, October). Nicotine's antinociceptive effects in rats depend on strain and sex, American Pain Society, New Orleans, LA.

Scheufele, P.M., Faraday, M.M., Palmer, K.S., & Grunberg, N.E. (1997, October). Reactions of chronic pain patients and controls to auditory stimuli, American Pain Society, New Orleans, LA.

Popke, E.J., Rahman, M.A., Nespor, S., & Grunberg, N.E. (1997, October). Effects of nicotine and ethanol on sensory-motor function in rats, Society for Neuroscience, New Orleans, LA.

Faraday, M.M., Hygge, K., Rahman, M.A., & Grunberg, N.E. (1998, March). Effects of stress on feeding, body weight, and central NPY and galanin depend on rat strain and sex, Society for Behavioral Medicine, New Orleans, LA.

Grunberg, N.E. (1998, March). Integration of human and animal research on mechanisms underlying sex differences in the stress and eating relationship, Society for Behavioral Medicine, New Orleans, LA.

Faraday, M.M., O'Donoghue, V.A., & Grunberg, N.E. (1998, March). Effects of nicotine on sensory-gating depend on genotype, Society for Research on Nicotine and Tobacco, New Orleans, LA.

Benoliel, R., Faraday, M.M., Apatov, N., Diehl, N., Grunberg, N., Hocheswender, U., & Iadarola, M.J. (1998, November). Modulation of tonic nociceptive input in dynorphin knockout (ko) mice, Society for Neuroscience, Los Angeles, CA.

Russell, L.T., Perry, D.C., Haddad, T.K., Nespor, S.M., Grunberg, N.E., & Tizabi, Y. (November 1998). Effects of prenatal nicotine on locomotor activity and [¹²⁵I]alpha-bungarotoxin binding sites in rats, Society for Neuroscience, Los Angeles, CA.

Faraday, M.M., & Grunberg, N.E. (1999, March). Effects of caffeine: Information-processing in rats and therapeutic implications in humans, Society for Behavioral Medicine, San Diego, CA.

Grunberg, N.E. (1999, March). The value of animal models in behavioral medicine research, Society for Behavioral Medicine, San Diego, CA.

Faraday, M.M., & Grunberg, N.E. (1999, March). Prenatal nicotine exposure alters behavioral responses to stress differentially in male and female rats, Society for Research on Nicotine and Tobacco, San Diego, CA.

Faraday, M.M., & Grunberg, N.E. (1999, March). Nicotine's chronic locomotion effects depend on rat strain and sex, Society for Research on Nicotine and Tobacco, San Diego, CA.

Grunberg, N.E. (1999, March). Gender differences in nicotine and tobacco actions, Society for Research on Nicotine and Tobacco, San Diego, CA.

Grunberg, N.E. (1999, March). How to mentor Ph.D. students, Society for Research on Nicotine and Tobacco, San Diego, CA.

Faraday, M.M., Elliott, B.M., & Grunberg, N.E. (2000, February). Nicotine's behavioral actions differ in adult vs. adolescent rats, Society for Research on Nicotine and Tobacco, Arlington, VA.

Elliott, B.M., Faraday, M.M., Nespor, S., & Grunberg, N.E. (2000, February). Nicotine reduces heart mass and wall thickness in male and female Long-Evans and Sprague-Dawley rats, Society for Research on Nicotine and Tobacco, Arlington, VA.

Elliott, B.M., Faraday, M.M., & Grunberg, N.E. (2000, February). Nicotine's effects on feeding and body weight differ in adolescent vs. adult male and female rats, Society for Research on Nicotine and Tobacco, Arlington, VA.

Scheufele, P.S., Bien, N.Z., Yatko, B.R., Faraday, M.M., & Grunberg, N.E. (2000, February). Evaluation of a smoking cessation program at the Washington Veterans Administration, Society for Research on Nicotine and Tobacco, Arlington, VA.

Grunberg, N.E. (2000, March). Comments on the World Health Organization Framework Convention on Tobacco Control from the Society for Research on Nicotine and Tobacco. Ronald R. Reagan International Trade Center, Washington, D.C.

Grunberg, N.E. (2000, June). The role of animals models in informing research on human disease. Prevention and Illness Behavior Across the Lifespan: The Challenge of the New Millenium. ABMR Annual Conference, Mont-Trembland, Quebec.

Faraday, M.M., Nespor, S., & Grunberg, N.E. (2000, August). Strain and sex differences in chronic stress HPA axis effects, American Psychological Association, Washington, D.C.

Elliott, B., Faraday, M.M., Nespor, S., & Grunberg, N.E. (2000, August). Stress' effects on heart morphology depend on sex and strain, American Psychological Association, Washington, D.C.

Davis, H., Hanig, J., Pine, P., Elliott, B., Phillips, J., Grunberg, N., & Lester, D. (2001). Differential effects of three serotonergic compounds on the acoustic startle responses. Society of Toxicology, San Francisco, CA, and 2001 FDA Science Forum, Washington, D.C.

Faraday, M., Elliott, B., Phillips, J., & Grunberg, N. (2001, March). Adolescent rats are more sensitive than adults to nicotine's stimulant actions. Presented at the Society for Research on Nicotine and Tobacco, Seattle, WA.

Elliott, B., Phillips, J., Faraday, M., & Grunberg, N. (2001, March). *Effects of nicotine on motor and social behavior in adolescent and adult, male and female rats*. Presented at the Society for Research on Nicotine and Tobacco, Seattle, WA.

Phillips, J., Elliott, B., Faraday, M., & Grunberg, N. (2001, March). *Caffeine affects heart size in rats*. Presented at the Society of Behavioral Medicine, Seattle, WA.

Phillips, J., Grunberg, N.E., & Tizabi, Y. (2001, March). Effects of nicotine on MK-801-induced sensory-gating impairment in rats: An animal model of schizophrenia. Presented at the Society for Research on Nicotine and Tobacco, Seattle, WA.

Yatko, B., Grunberg, N.E., Stine, M., & Klein, L. (2001, March). Perceived stress and subjective passage of time. Presented at the Society of Behavioral Medicine, Seattle, WA.

Elliott, B., Faraday, M., Phillips, J., & Grunberg, N. (2001, April). *Effects of nicotine depend on age and gender*. Presented at the Eastern Psychological Association, Washington, DC.

Grunberg, N.E. (July/August 2001). *Tobacco advertising and you*. Presented at the National Student Leadership Conference on Medicine, Bethesda, MD.

Elliott, B.M., Faraday, M.M., & Grunberg, N.E. (2002, February). *Nicotine's anxiolytic effects differ in adolescent and adult rats*. Presented at the Society for Research on Nicotine and Tobacco, Savannah, GA.

Faraday, M.M., Elliott, B.M., Phillips, J., and Grunberg, N.E. (2002, February). *Adolescent and adult rats differ in behavioral sensitivity to nicotine*. Presented at the Society for Research on Nicotine and Tobacco, Savannah, GA.

Grunberg, N.E., Faraday, M.M., Elliott, B.M. (2002, July). *Psychopharmacology of Nicotine*. Presented at the National Cancer Institute, Rockville, MD.

Grunberg, N.E. (2003, February). *Tobacco use and cessation*. Presented at the National Naval Medical Center, Bethesda, MD.

Elliott, B.M., Phillips, J.M., Faraday, M.M., & Grunberg, N.E. (2003, February). Effects of nicotine on elevated plus maze activity in adolescent and adult female rats. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Elliott, B.M., Phillips, J.M., Faraday, M.M., & Grunberg, N.E. (2003, February). Effects of nicotine on locomotor activity differ in adolescent and adult male and female rats. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Faraday, M.M., Elliott, B.M., Phillips, J.M., & Grunberg, N.E. (2003, February). Nicotine's biphasic activity actions differ in adolescent and adult rats. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Faraday, M.M., Elliott, B.M., Phillips, J.M., & Grunberg, N.E. (2003, February). Adolescent nicotine exposure results in sensitization to nicotine in adulthood. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Phillips, J.M., Faraday, M.M., & Grunberg, N.E. (2003, February). Antinociceptive effects of nicotine in adolescent and adult, male and female rats. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Phillips, J.M., & Grunberg, N.E. (2003, February). Nicotine's effects on visual pre-pulse inhibition in male and female, adult and adolescent rats. Presented at the Society for Research of Nicotine and Tobacco, New Orleans, LA.

Grunberg, N.E. (2003, March). The broad appeal of Neal Miller. Presented at the American Psychosomatic Society, 61st Annual Scientific Meeting, Phoenix, AZ.

Phillips, J.M., Elliott, B.M., Faraday, M.M., and Grunberg, N.E. (2003, June). Gender x age interactions in effects of nicotine on body weight and plus maze performance in rats. Presented at the College on Problems of Drug Dependence, Miami, Florida.

Faraday, M.M., Elliott, B.M., Phillips, J.M., & Grunberg, N.E. (2003, August). Adolescent and adult rats differ in behavioral sensitivity to nicotine: Relevance to human adolescent smoking. American Psychological Association, Toronto, Canada.

Grunberg, N.E. (2003, November). The initiation, maintenance, treatment, and prevention of tobacco use. LXV Costa Rican National Medical Congress, Heredia, Costa Rica.

Grunberg, N.E. (2003, December). Behavioral effects of nicotine in adult and adolescent rats. American College of Neuropsychopharmacology, San Juan, Puerto Rico.

Grunberg, N.E., & Elliott, B.M. (2004, February). Pharmacokinetics and pharmacodynamics of the nicotine-stress relationship. Society for Research on Nicotine and Tobacco, Scottsdale, Arizona.

Grunberg, N.E., & Elliott, B.M. (2004, February). Isolation-reared rats are more sensitive than are enrichment-reared rats to nicotine's activity-stimulating actions. Society for Research on Nicotine and Tobacco, Scottsdale, Arizona.

Phillips, J.M., Schechter, L.E., & Grunberg, N.E. (2004, February). Nicotine abstinence syndrome in rats depends on form of nicotine. Society for Research on Nicotine and Tobacco, Scottsdale, Arizona.

Stine, M.M., Dancer, K.P., Palmer, K.S., Grunberg, N.E., & Klein, L.C. (2004, February). Locomotor responses to nicotine in adolescent rats predicts opioid consumption in adulthood. Society for Research on Nicotine and Tobacco, Scottsdale, Arizona.

Sbrocco, T., Kop, W.J., Feuerstein, M., Grunberg, N.E., Haigney, M., Adams-Campbell, L., Deuster, P., Gottdiener, J.S., & Krantz, D.S. (2004, March). Model for a new cardiovascular behavioral medicine training program. Society of Behavioral Medicine, Baltimore, MD.

Klein, L.C., & Grunberg, N.E. (2004, March). Teaching, research, and service: The importance of mentorship for junior faculty in the 21st century. Society of Behavioral Medicine, Baltimore, MD.

Grunberg, N.E., & Elliott, B.M. (2004, June). Biological and psychological factors relevant to diet and activity. International Society for Behavioral Nutrition and Physical Activity, Washington, D.C.

Grunberg, N.E., Shafer, S., Elliott, B.M., Faraday, M.M., & Phillips, J.M. (March 2005). Nicotine's behavioral effects differ in adolescent and adult rats. George Washington University Medical School.

Myracle, A.B., Shafer, S.T., Elliott, B.M., & Grunberg, N.E. (June 2005). Housing Conditions Affect Nicotine's Activity Stimulating Actions in Males and Females Differently. Presented at the Annual Meeting of the College on Problems of Drug Dependence, Orlando, Florida.

Shafer, S.T., Myracle, A.B., Elliott, B.M., & Grunberg, N.E. (2005, August). Enrichment Increases Activity-Stimulating Effects of Nicotine in Female Rats. Presented at the American Psychological Association, Annual Meeting, Washington, D.C.

Shafer, S.T., Perry, M.E., Hamilton, K.R., & Grunberg, N.E. (2005, August). Stress and Housing Conditions on Heart Morphometry of Rats. Presented at the American Psychological Association, Annual Meeting, Washington, D.C.

Phillips, J.M., & Grunberg, N.E. (August, 2005). An animal model of schizophrenia and with anxiety using ketamine. Presented in Division 28 of the American Psychological Association, Annual Meeting, Washington, D.C.

Phillips, J.M., Schechter, L.E., & Grunberg, N.E. (August, 2005). Behavioral abstinence effects of nicotine hydrogen tartrate in male rats. Presented in Division 28 of the American Psychological Association, Annual Meeting, Washington, D.C.

Elliott, B.M. & Grunberg, N.E. (August, 2005). Effects of enrichment on activity in male and female rats. Presented at the American Psychological Association, Washington, D.C.

Elliott, B.M., Myracle, A.B., & Grunberg, N.E. (August, 2005). Housing Alters Antinociceptive Effects of Nicotine in Male Rats. Presented at the American Psychological Association, Washington, D.C.

Shafer, S.T., Myracle, A.B., Elliott, B.M., & Grunberg, N.E. (August, 2005). Enrichment Increases Activity-Stimulating Effects of Nicotine in Female Rats. Presented at the American Psychological Association, Washington, D.C.

Shafer, S.T., Perry, M.E., Hamilton, K.R., Marwein, M., & Grunberg, N.E. (February, 2006). Nicotine withdrawal in adolescent male rats. Presented at the Society for Research on Nicotine and Tobacco, Orlando, Florida.

Perry, M.E., Hamilton, K.R., Shafer, S.T., Marwein, M., & Grunberg, N.E. (February, 2006). Nicotine withdrawal in adolescent female rats. Presented at the Society for Research on Nicotine and Tobacco, Orlando, Florida.

Hamilton, K.R., Perry, M.E., Shafer, S.T., Marwein, M., & Grunberg, N.E. (February, 2006). Nicotine withdrawal in adult female rats. Presented at the Society for Research on Nicotine and Tobacco, Orlando, Florida.

Shafer, S.T., Perry, M.E., Hamilton, K.R., Marwein, M., & Grunberg, N.E. (February, 2006). Effects of housing condition on nicotine withdrawal in rats. Presented at the Society for Research on Nicotine and Tobacco, Orlando, Florida.

Shafer, S.T., & Grunberg, N.E. (March, 2006). Effects of housing condition on behavioral risk factors for cardiovascular disease in rats. Presented at the Society of Behavioral Medicine, San Francisco, California.

Hamilton, K.R., Shafer, S.T., Perry, M.E., Starosciak, A.K., Oates, C.S., Long, S.M., Marwein, M., & Grunberg, N.E. (February, 2007). Nicotine withdrawal in adult female and male rats. Presented at the Society for Research on Nicotine and Tobacco, Austin, Texas.

Perry, M.E., Hamilton, K.R., Oates, C.S., Long, S.M., Shafer, S.T., Starosciak, A.K., Marwein, M., & Grunberg, N.E. (February, 2007). Adolescent rats differ by genetic strain in response to nicotine. Presented at the Society for Research on Nicotine and Tobacco, Austin, Texas.

Long, S.M., Shafer, S.T., Oates, C.S., Marwein, M., & Grunberg, N.E. (February, 2007). Housing alters the effects of nicotine on body weight, food consumption, and activity in rats. Presented at the Society for Research on Nicotine and Tobacco, Austin, Texas.

Starosciak, A.K., Hamilton, K.R., Eudy, Y., Zhang, X., Jacobowitz, D.M., & Grunberg, N.E. (February, 2007). Effects of nicotine on rat brain proteins in the habenula, substantia nigra, and interpeduncular nucleus. Presented at the Society for Research on Nicotine and Tobacco, Austin, Texas.

Long, S.M., Shafer, S.T., & Grunberg, N.E. (March, 2007). Environmental enrichment and voluntary activity in rats. Presented at the Society of Behavioral Medicine, Washington, D.C.

Arun, P., Madhavarao, C.N., Hamilton, K.R., Grunberg, N.E., Moffett, J.R., & Namboodiri, A.M.A. (May, 2007). Preclinical studies on acetate supplementation therapy for

Canavan Disease in the tremor rat model. Presented at USUHS Research Week, Bethesda, Maryland.

INVITED LECTURES

Cigarette smoking and food consumption: Mechanisms of specific taste preferences in both animal and human studies, presented at the National Cancer Institute, National Institutes of Health, Bethesda, Maryland, November 12, 1981.

Cigarette smoking, food consumption, and body weight, presented at Alcoholism and Drug Addiction Research Foundation, Toronto, Ontario, Canada, March 31, 1982.

Cigarette smoking and body weight, presented at University of Connecticut, School of Medicine, V.A. Medical Center, Newington, Connecticut, July 15, 1982.

Biobehavioral factors in the relationship between tobacco use and body weight, presented at the Behavioral Pharmacology and Drug Abuse Seminar for the NIDA Addiction Research Center and Johns Hopkins University, Baltimore, Maryland October 5, 1983.

Behavioral versus biological factors in the nicotine/body weight relationship, presented to the Behavioral Medicinal Group, University of Connecticut, School of Medicine and V.A. Medical Center, Newington, Connecticut, March 5, 1984.

Behavioral and psychological techniques for smoking cessation, presented to Hematology/Oncology Group, National Cancer Institute and National Naval Medical Center, October 25, 1984.

Nicotine and carbohydrate intake, presented at Anorexia Nervosa Clinic, National Institute for Mental Health, June 20, 1985.

Biological and behavioral factors in smoking and body weight changes, presented at the Smoking Relapse Workshop, National Heart, Lung and Blood Institute, July 24, 1985.

Nicotine, smoking, and body weight, presented at the annual meeting of The Society for the Study of Addiction to Alcohol and Other Drugs, London, England, November 21, 1985.

Nicotine, food preferences, and body weight, presented to the Behavioral Pharmacology Research Unit, Psychiatry Department, Johns Hopkins University School of Medicine, December 3, 1985.

Vision and stress, presented at the 31st Annual Invitational Skeffington Symposium on Vision, Rosslyn, Virginia, January 19, 1986.

Behavioral and biological factors in smoking relapse, presented to NIH Interagency Technical Committee Working Group on Smoking and Heart, Lung, and Blood Diseases, Bethesda, Maryland, March 18, 1986.

Nicotine and feeding interactions, presented at NIDA Addiction Research Center, Baltimore, Maryland, April 10, 1986.

Cigarette smoking and current cessation techniques, presented at Walter Reed Hospital, Department of Medicine Grand Rounds, May 16, 1986.

Biological effects of nicotine on food intake and energy expenditure, presented to MacArthur Foundation Network on Health and Behavior, Palm Beach, Florida, June 15, 1986.

Tobacco use and current clinical cessation techniques, presented at Suburban Hospital Grand Rounds, Bethesda, Maryland, August 13, 1986.

Cigarette smoking: Problems and approaches for pediatricians, presented at USUHS, Department of Pediatrics Grand Rounds, October 23, 1986.

The Stress Response, presented at the Sixteenth Annual Meeting of the College of Optometrists in Vision Development, San Diego, California, November 14, 1986.

Stress and Vision, presented at the Sixteenth Annual Meeting of the College of Optometrists in Vision Development, San Diego, California, November 14, 1986.

Biochemistry in psychological research: Potential benefits and problems, presented to the Laboratory for Psychology and Psychopathology, National Institute of Mental Health, Bethesda, Maryland, February 11, 1987.

Relevance of stress research to behavioral optometry, presented at the Institute for Behavioral Optometry annual seminar, Arlington, Virginia, February 22, 1987.

From the laboratory to the population: Basic science findings applied to smoking cessation and prevention, presented at Hutchinson Conference on Smoking Cessation and Prevention Research, Fred Hutchinson Cancer Research Center, Seattle, Washington, March 10, 1987.

Biological barriers to changing unhealthy behaviors, presented at the National Working Conference on the Adoption and Maintenance of Behavior for Optimal Health, National Heart, Lung, and Blood Institute, NIH, Bethesda, Maryland, April 29, 1987.

Behavioral Medicine and Optometry, presented at the annual meeting of the Eastern States Optometric Congress, Ellenville, New York, May 17, 1987.

Cigarette Smoking at the Workplace: Data, Issues, Models. Presented at the annual meeting of the Academy of Behavioral Medicine Research, Sebasco Estates, Maine, June, 1987.

Biochemical measures in psychological research. Presented at the National Science Foundation training program on social psychophysiology, University of Iowa, July 24, 1987.

Biochemical mechanisms relevant to cigarette smoking and substance abuse. Presented at the annual meeting of the American Psychological Association, New York City, New York, August, 1987.

Potential applications of REST in behavioral health. Presented at the Third International Conference on REST, New York City, August 27, 1987.

Biobehavioral mechanisms in appetitive behaviors: Examples from research on nicotine and body weight. Presented at the Armed Forces Radiobiology Research Institute, October 1, 1987.

Tobacco use in pediatric populations: Update 1988, presented at Walter Reed Hospital, Department of Pediatrics Grand Rounds, April 20, 1988.

Biobehavioral aspects of stress. Presented at the 66th annual Mountain States Congress of Optometry, Denver, Colorado, July 23, 1988.

Stress and vision: Theoretical and clinical considerations. Presented at the 66th annual Mountain States Congress of Optometry, Denver, Colorado, July 23, 1988.

The physiological bases of nicotine's actions on appetitive behaviors, presented at USUHS Physiology Department Colloquium, Bethesda, Maryland, September 20, 1988.

The relationship between stress and eating, presented at Johns Hopkins University Medical Center, Eating Research Group, Baltimore, Maryland, April 4, 1989.

Smoking as an addiction, presented at USUHS Fifth Annual Conference on Military Medicine, Bethesda, Maryland, October 6, 1989.

Nicotine addiction, presented at Congressional Workshop on Addiction, Banbury Center, Cold Spring Harbor Laboratory, New York, January 25-27, 1990.

Cigarette smoking and body weight: State-of-the-Science address, presented at the NHLBI National Conference on Smoking and Body Weight, Memphis, Tennessee, September, 1990.

Biochemical measurements in the study of emotions, presented at McDonnell-Douglas Conference on Measurement of Emotions, Victoria, B. C., Canada, October 8, 1990.

Animal models in the study of addictive and appetitive behaviors, presented at American Association for Laboratory Animal Science Annual Seminar, Ellicott City, Maryland, September 11, 1991.

Nicotine addiction and reduction therapy, presented at Medical College of Pennsylvania Meeting on Nicotine Reduction Therapy, Hilton Head Island, South Carolina, October 4-5, 1991.

Smoking addiction from the molecular through behavioral levels, presented at Laennec Society of Philadelphia, Philadelphia, Pennsylvania, December 10, 1991.

Nicotine addiction: From the molecular to behavioral level, presented at Washington College, Chestertown, Maryland, March 19, 1992.

Nicotine addiction and smoking cessation, presented at the Continuing Medical Education seminar, University of Pennsylvania Medical Center, Philadelphia, Pennsylvania, September 20, 1992.

Gender, stress, and health: Keynote address, presented at the annual initiation banquet of Psi Chi, Lynchburg College, Lynchburg, Virginia, October 1, 1992.

Recent investigations relevant to stress and substance abuse. Presented at the Uniformed Services University of the Health Sciences, Bethesda, Maryland, October 5, 1992.

Stress and substance abuse: Investigations relevant for clinical research, presented at the National Institute of Alcoholism and Alcohol Abuse, Bethesda, Maryland, October 13, 1992.

Nicotine addiction: Mechanisms and treatment implications, presented at the symposium of Addiction Treatment in the 21st Century, Hyatt Regency, Bethesda, Maryland, October 16, 1992.

Gender differences in tobacco use, presented at the National Institutes of Health as part of the Women's Health Seminar Series, Bethesda, Maryland, March 2, 1993.

Effects of stressors and gender on opioid self-administration in rats, presented at the meeting of the International Study Group Investigating Drugs as Reinforcers, West Palm Beach, Florida, June 18, 1994.

New psychopharmacologic findings regarding opioid use, presented at Howard University College of Medicine, Department of Pharmacology, Washington, D.C., September 28, 1994.

Nicotine regulation: History, status, and implications. Presented at the Washington-Baltimore joint meeting of the medical student fraternity Phi Delta Epsilon, January, 1995.

Tobacco regulation in historical perspective. Presented at the Delta Alpha Chapter of Phi Delta Epsilon Medical Fraternity: 1995 Aaron Brown Lecture, April 7, 1995.

Biological obstacles to medical compliance. Presented at the Delta Alpha Chapter of Phi Delta Epsilon Medical Fraternity: 1996 Aaron Brown Lecture, April, 1996.

Stress, sex differences, and vision. Presented at the Institute of Behavioral Optometry, Silver Spring, Maryland, September 9, 1996.

Cigarette Smoking and Other Tobacco Uses (discussant). Presented at the National Bureau of Economic Research, Inc. Conference on The Economic Analysis of Substance Use and Abuse: An Integration of Econometric and Behavioral Economic Research. Cambridge, Massachusetts, March 27-28, 1997.

Stress and Eating: Biobehavioral Mechanisms to Clinical Implications. Eighteenth Annual Meeting of the Society of Behavioral Medicine, San Francisco, California, April 16-19, 1997.

Biological and Psychosocial Issues Relevant to Tobacco Prevention. Presented at the Robert Wood Johnson Foundation Conference: New Partnerships and Paradigms for Tobacco Prevention Research. Sundance, Utah, May, 1997.

Smoking Cessation Treatment in the 21st Century (participant). Presented at the Strategic Visioning Retreat, Kiawah Island Institute, Kiawah Island, South Carolina, July 24-25, 1997.

Behavioral and neurotoxicity of anti-HIV medication in rats: Implications for drug abuse and AIDS. Presented at the National Institute of Drug Abuse, National Institutes of Health: New Opportunities in Behavioral and Pain Research on AIDS and Drug Abuse, Rockville, Maryland, July 29-30, 1997.

Stress, Gender, and Genotype Alter Actions of Addictive Drugs. Presented at Brookhaven National Laboratory, Upton, New York, October 1, 1997.

Sex differences in effects of nicotine and opiates in rats. Presented at National Institute on Drug Abuse, Rockville, Maryland, December 19, 1997.

Tobacco use and abuse. Presented at Georgetown University School of Medicine, Washington, D.C., May 29, 1998.

The Biology and Psychobiology of Nicotine Addiction. Presented at the Addicted to Nicotine Conference, sponsored by National Institute on Drug Abuse and the Robert Wood Johnson Foundation, July 27-28, 1998.

The Value of Animal Models to Examine the Gateway Hypothesis. Presented at the Conference on Stages and Pathways of Involvement in Drug Use: Examining the Gateway Hypothesis, Los Angeles, California, June 27-30, 1998.

Sex differences, nicotine, and tobacco. Presented at the conference on Women's Health and the Environment: Innovations in Science and Policy, Washington, D.C., September 10, 1998.

The Value of Behavioral Assays to Evaluate Neuropharmacologic Agents and Their Potential Neurotoxicity. Presented at the Food and Drug Administration, Center for Drug Evaluation and Research, Office of Testing and Research, College Park, MD, November 5, 1998.

Transdisciplinary Research and Tobacco Prevention, Presented at the annual meeting of the Academy of Behavioral Medicine, Wintergreen, VA, June, 1999.

Gender Differences in Addiction and Recovery: Tobacco and Nicotine. Presented at the Smithsonian Institution, Washington, D.C., January 29, 2000.

Gender Differences in Tobacco Addiction. Presented at the Gender Differences in Addiction and Recovery seminar, co-sponsored by the Society for Women's Health Research and the National Institute on Drug Abuse, Washington, D.C., February, 2000.

The Importance of Research with Animal Subjects to Behavioral Medicine, ABMR, Mount Tremblanc, Quebec, Canada, June 9, 2000.

Psychopharmacology of Nicotine Addiction, National Cancer Institute, Bethesda, MD, July 27, 2000.

Behavioral and Biological Effects of Nicotine in Rats: The Importance of Age, Sex, and Genotype, Georgetown University Medical School, Washington, D.C., October, 2000.

Sex Differences in Tobacco Use, Effects, and Treatment. Presented at the Scientific Advisory Meeting of the Society for Women's Health Research, Washington, D.C., October, 2000.

Behavioral, Biological, and Psychological Effects of Nicotine in Rats: Relevance to Tobacco Use and Prevention, School of Public Health and Health Services, George Washington University Medical Center, Baltimore-Washington Public Health Consortium, February 26, 2001.

Tobacco Advertising and You. Presented at the National Student Leadership Conference, Uniformed Services University of the Health Sciences, August 8, 2001.

How to Captivate the MTV Generation with Your Lecture, Faculty Development Grand Rounds, USUHS, March 26, 2002.

Behavioral and Biological Effects of Nicotine in Rats: The Importance of Age, Sex, and Genotype, Yale University, Department of Psychiatry and Substance Abuse Research Center, New Haven, CT, May 21, 2002.

How to Captivate the MTV Generation with Your Lecture. Andrews Air Force Base, June 2, 2002.

Psychopharmacology of Nicotine. National Cancer Institute, Rockville, Maryland, July 24, 2002.

The Quasi-Socratic Method of Seminar Teaching. Faculty Development Grand Rounds, USUHS, September 24, 2002.

Effective Lecturing. Faculty Development, Family Medicine Department. Andrews Air Force Base, November 8, 2002.

Effective Lecturing. Department of the Army, Academy of Health Sciences, Fort Sam Houston, Texas, January 29, 2003.

Effective Writing. Department of the Army, Academy of Health Sciences, Fort Sam Houston, Texas, January 29, 2003.

Effective Mentoring. Department of the Army, Academy of Health Sciences, Fort Sam Houston, Texas, January 29, 2003.

Tobacco use and cessation. Presented at the National Naval Medical Center, Bethesda, MD, February, 2003.

Initiation and maintenance of tobacco use. National Cancer Institute, Division of Prevention, Bethesda, MD, July, 2003.

Faculty Development: Teaching, Writing, and Mentoring, American Association of Nurse Anesthetists, Boston, Massachusetts, August 2, 2003.

Quasi-Socratic teaching in medical education settings, Malcolm Grow Air Force Base, Workshop for Family Practice physicians, November 14, 2003.

Nicotine's behavioral effects differ in adolescent and adult rats. University of Pennsylvania Transdisciplinary Tobacco Research Center, Philadelphia, Pennsylvania, October, 2003.

Nicotine's behavioral effects differ in adolescent and adult rats. Duke University School of Medicine, Pharmacology and Toxicology Program, Durham, North Carolina, January, 2004.

Faculty Development: Balancing teaching, mentoring, and writing. Tripler Army Medical Center, Honolulu, Hawaii, April, 2004.

Faculty Development Workshop. Michigan Association of Nurse Anesthetists, Dearborn, Michigan, May, 2004.

Nicotine's behavioral effects differ in adolescent and adult rats. NIDA Intramural Research Program Seminar Series, May, 2004.

Mentoring and Teaching Large Groups of Health Professionals. New England Assembly of Nursing School Faculty, 8th Annual Faculty Development Workshop, Sturbridge, Massachusetts, September 18, 2004.

Mentoring and Teaching Medical Residents and Medical Students. Family Medicine Department Faculty Development Program, Malcolm Grove Medical Center, Alexandria, Virginia, October 22, 2004.

Mentoring in the Hospital Setting. Clinic Training Day, St. Joseph's Mercy Hospital, Oakland, Michigan, November 17, 2004.

From Captive to Captivated: Capturing Your Audience's Attention, Beaumont University, Beaumont Hospital, Detroit, Michigan, March 8, 2005.

Nicotine's behavioral effects differ in adolescent and adult, male and female rats. The George Washington University School of Medicine, Department of Pharmacology and Physiology, April 6, 2005.

Tobacco use: initiation, maintenance, and treatment. National Cancer Institute, Bethesda, Maryland, July 22, 2005.

Small Group Teaching, Faculty Development Grand Rounds, USUHS, October 25, 2005.

Psychology: Historical Perspective on Modern Applications, Bethesda-Chevy Chase High School, International Baccalaureate Program, October 28, 2005.

Reasons for tobacco use and how to treat and prevent it. National Cancer Institute, Bethesda, Maryland, July 17, 2006.

Age, Sex, & Nicotine: From Lab Rats to Human Smokers, Division of Preventive Medicine, U.T. M.D. Anderson Medical Center, Houston, Texas, September 29, 2006.

The value of animal studies to understand treat tobacco use. Distinguished Scientist Master Lecture, Society of Behavioral Medicine, Washington, D.C., March 22, 2007.

Faculty career development. 41st Annual Uniformed Services Pediatric Seminar, American Academy of Pediatrics, Bethesda, Maryland, March 19, 2007.

How to lecture effectively to medical students. USUHS Faculty Development Program, Bethesda, Maryland, April 19, 2007.

The value of animal studies to understand treat tobacco use. USUHS Department of Medical & Clinical Psychology, October 1, 2007.

Tobacco use and the law. Bethesda-Chevy Chase High School, October 4, 2007.

INVITED CONFERENCES

New York "Tobacco Addiction" Colloquium, New York City, New York, March 17, 1982.

Measurement Issues in Smoking/Tobacco Research, National Cancer Institute, Bethesda, Maryland, August 20, 1982.

Workshop on the role of youth education in smoking prevention and cessation, National Cancer Institute, Bethesda, Maryland, December 2, 1982.

Workshop on the role of mass media in smoking prevention and cessation, National Cancer Institute, Bethesda, Maryland, February 10, 1983.

Workshop on the role of self-help in smoking prevention and cessation, National Cancer Institute, Bethesda, Maryland, February 24, 1983.

Workshop on smoking prevention and cessation in the Black population, National Cancer Institute, Bethesda, Maryland, March 10, 1983.

Workshop on the role of physician intervention in the prevention and cessation of tobacco use, National Cancer Institute, Bethesda, Maryland, January 27, 1983.

Psychobiological aspects of conditioned taste aversion and nutritional problems in cancer, Vanderbilt University, Nashville, Tennessee, March 17-18, 1983.

Workshop on smoking prevention and cessation in the Hispanic population, National Cancer Institute, Bethesda, Maryland, April 14, 1983.

First International Conference on Behavioral Health, Nags Head Conference Center, Kill Devil Hills, North Carolina, May 30-June 3, 1983.

Workshop on smoking relapse, National Heart, Lung and Blood Institute, Bethesda, Maryland, July 24-26, 1985.

World Congress on Pharmacologic Treatment of Tobacco Dependence, New York, New York, November 3-5, 1985.

NIH Consensus Development Conference on Health Implications of Smokeless Tobacco, Bethesda, Maryland, January 13-15, 1986.

National Academy of Sciences, Committee on Passive Smoking, Public Meeting, Washington, D.C., January 29, 1986.

Nicotine replacement in the treatment of smoking: A critical review, Bethesda, Maryland, January 21-22, 1987.

Hutchinson Conference on Smoking Cessation and Prevention Research, Fred Hutchinson Cancer Research Center, Seattle, Washington, March 9-10, 1987.

National Working Conference on the adoption and maintenance of behavior for optimal health, NHLBI, Bethesda, Maryland, April 29, 30, May 1, 1987.

Ambulatory Monitoring Workshop: Current status and New Directions, Duke University Medical Center, Durham, NC, October 26-28, 1987.

Health Psychology Research Conference, Division 38 of the American Psychological Association, Harpers Ferry, West Virginia, May 15-17, 1988.

Ciba Foundation Symposium No. 152, The biology of nicotine dependence, London, England, November 6-9, 1989.

NHLBI National Conference on Cigarette Smoking and Body Weight, Memphis, Tennessee, September, 1990.

McDonnell-Douglas Foundation Conference on Measurement of Emotions, Victoria, British Columbia, Canada, October 7-9, 1990.

Capitol Hill Workshop for the Office of the Secretary of Defense, 27 February - 1 March 1991.

NHLBI National Conference on Cardiovascular Diseases and Women, Bethesda, Maryland, January 22-24, 1992.

Scientific Advisory Board Meeting on Nicotine Replacement Therapy, Hanbury Manor, Hertfordshire, England, March 1-3, 1992.

Scientific Advisory Board Meeting on Nicotine Replacement Therapy, Helsingborg, Sweden, February 2-4, 1993.

Future Directions in Nicotine Replacement Therapy, Paris, France, October 28-30, 1993.

Drug Addiction Research and the Health of Women Conference, sponsored by the National Institute on Drug Abuse and the National Institutes of Health, Vienna, Virginia, September 12-14, 1994.

National Institute on Alcohol Abuse and Alcoholism Conference on Alcohol and Tobacco: From Basic Science to Policy, San Diego, California, November 7-9, 1994.

Smoking Cessation: Alternative Strategies, A National Conference. Sponsored by the Society for Research on Nicotine and Tobacco and The Behavioral Biology Research Center of The Johns Hopkins University School of Medicine. Washington, D.C., April 10-11, 1995.

Institute of Medicine, National Academy of Sciences, Committee to Identify Strategies to Raise the Profile of Substance Abuse and Alcoholism Research Workshop, March 29 – 29, 1996.

Conference on The Economic Analysis of Substance Use and Abuse: An Integration of Econometric and Behavioral Economic Research. Cambridge, Massachusetts, March 27-28, 1997.

Robert Wood Johnson Foundation Conference: New Partnerships and Paradigms for Tobacco Prevention Research. Sundance, Utah, May, 1997.

Smoking Cessation Treatment in the 21st Century: Strategic Visioning Retreat, Kiawah Island Institute, Kiawah Island, South Carolina, July 24-25, 1997.

Conference on Stages and Pathways of Involvement in Drug Use: Examining the Gateway Hypothesis, Los Angeles, California, June 27-30, 1998.

Addicted to Nicotine Conference, Sponsored by the National Institute on Drug Abuse and the Robert Wood Johnson Foundation, July 27-28, 1998.

LXV Costa Rican National Medical Congress, Heredia, Costa Rico, November 23-26, 2003.

American College of Neuropsychopharmacology, San Juan, Puerto Rico, December 6-9, 2003.

Smoking Advisory Board Meeting, Sanofi-Aventis and Rimonabant Medical Team, New York City, New York, November 18, 2004.

National Cooperative Drug Discovery Groups for Nicotine Addiction – A NIDA Synthesis Meeting, Orlando, Florida, February 15, 2006.

Transdisciplinary Tobacco Use Research Conference, NCI, NIAAA, NIDA, Bethesda, Maryland, October 10 – 11, 2007.